

WHAT IS CLAIMED IS:

1. An upright vacuum cleaner, comprising:

a suctioning tool body;

a vacuum cleaner body;

5 said vacuum cleaner body extending in a freely pivoting manner away
from said suctioning tool body;

a dust collecting part;

 said dust collecting part being detachably attached to said vacuum cleaner
body on a first side of said vacuum cleaner body;

10 an attachment mechanism for detachably attaching said dust collecting part
and said vacuum cleaner body;

a first handle on an upper portion of said dust collecting part;

 means for enabling attachment and detachment of said dust collection part
from said vacuum cleaner body;

15 said first handle being positioned to provide easy transport of said upright
vacuum cleaner during said attachment and detachment; and

 said means for enabling attachment including means for double-locking
said dust collecting part to said vacuum cleaner body, thereby providing a
simultaneous secure double-locking engagement and preventing accidental
20 removal of said dust collection part from said vacuum cleaner body.

2. An upright vacuum cleaner, according to claim 1, further comprising:

a joining part in said double-locking means on said vacuum cleaner body;

an operating part in said double-locking means in said first handle;

a switch operation part in said double-locking means on said vacuum

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cleaner body;

at least a first latching hook on operating part latchably engaging a latching part of said joining part during said engagement; and

at least one locking part on said switch operating part lockably engaging a bottom side of said first latching hook during said engagement, whereby said means for double-locking provides double-locking engagement between said dust collecting part and said vacuum cleaner body and thereby prevents separation without a simultaneous disengagement of both said switch operation part and said operating part.

3. An upright vacuum cleaner, according to claim 2, further comprising:
an operating body on said operating part;
a detachment button and said first latching hook on said operating body;
a tab at an end of said first latching hook; and
a spring member in said operating body effective to elastically pivot said operating body about a support shaft when said detachment button is depressed.

4. An upright vacuum cleaner, according to claim 3, wherein:
said joining part includes an opening for receiving said first latching hook during said engagement; and
said latching part is on an upper edge of said opening away from said suctioning tool body.

5. An upright vacuum cleaner, according to claim 4, further comprising:
a lock release button in said switch operation part;
said lock release button extending through an opening formed on a front surface of said vacuum cleaner body;

said switch operating part extending toward said suction tool body and

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forming said locking part perpendicular to said first latching hook;

an impelling spring in said switch operation part; and

said impelling spring being effective to elastically pivot said switch operation part and said locking part about a second support shaft when said lock release button is pushed.

6. An upright vacuum cleaner, according to claim 5, further comprising:

a lower end part of said dust collection part;

a front end part of a body receiving part;

said body receiving part on said vacuum cleaner body between said suctioning tool body and said dust collecting part, whereby said dust collecting part is supportably retained between said attachment mechanism and said body receiving part during said engagement; and

said lower end part and said front end part having respective first and second pivot shapes, whereby when both said lock release button and said detachment button are disengaged, said dust collection part is pivotable about respective lower end part and said front end part for allows easy separation of said dust collection part from said upright vacuum cleaner.

7. An upright vacuum cleaner comprising:

a vacuum cleaner body;

a dust collection part;

means for attaching said dust collection part to said vacuum cleaner body;

locking means for said attaching;

said locking means including at least first and second independent locking devices; and

both said first and second locking devices requiring actuation before said

dust collection part is removable from said vacuum cleaner body.

- 5 8. An upright vacuum cleaner according to claim 7, further comprising:
 a handle on an upper portion of said dust collection part; and
 said handle being positioned to permit carrying of said upright vacuum
cleaner when said dust collection part is attached to said body.

9. An upright vacuum cleaner according to claim 7 wherein said actuation
may be sequential.

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